

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

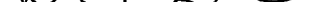
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>C mplet If Known</b>	
Application Number				10/046,584	
Filing Date				01/14/2002	
First Named Inventor				Nicholas Z. Kamava	
Art Unit				1754	
Examiner Name				Not Yet Assigned	
Attorney Docket Number				2550-005	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code <sup>2</sup> (if known)			
MC	1	US- 4,298,718			
MC	2	US- 4,544,717			
MC	3	US- 5,573,723			
MC	4	US- 4,794,096			
MC	5	US- 4,975,403			
MC	6	US- 4,701,432			
MC	7	US- 4,808,561			
	8	US- 5,242,876			
MC	9	US- 5,308,811			
MC	10	US- 5,444,134			
MC	11	US- 5,300,549			
MC	12	US- 5,319,012			
MC	13	US- 5,856,386			
MC	14	US- 6,207,093			
MC	15	US- 5,480,932			
MC	16	US- 3,555,604			
MC	17	US- 5,543,535			
MC	18	US- 6,291,053			
MC	19	US- 6,083,443			
MC	20	US- 4,514,534			

[illegible]

Examiner Signature		Date Considered	12/Dec/03
--------------------	---	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPER 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

English language translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Burden comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

control number.			C mpl to if Kn wn	
Substitute for form 1449A/PTO			Application Number	10/046,584
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Filing Date	01/14/2003
			First Named Inventor	Nicholas Z. Karnavas
			Art Unit	1754
			Examiner Name	Not Yet Assigned
			Attorney Docket Number	2550-005
Sheet	2	of	2	

RECEIVED  
JUN 05 2003  
1700

[illegible][illegible]

Examiner Signature	<i>M. E. L.</i>	Date Considered	12/Dec/03
-----------------------	-----------------	--------------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

English language translation is attached.

**Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

IN DATE: 09/04/2003  
VIA FACSIMILE TRANSMITTAL

PTO/BB/08A (08-03)

Approved for use through 07/31/2008. MB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 01

of 02

## Complete If Known

Application Number	10/048,584
Filing Date	01/14/2002
First Named Inventor	Victor M. DINARDO
Art Unit	1754
Examiner Name	Not yet assigned
Attorney Docket Number	2550-005

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)				
	01	US 4,298,718	11/03/1981	Mayr et al.		
	02	US 4,544,747	10/04/1985	Mayr et al.		
	03	US 5,573,723	11/12/1996	Peiffer et al.		
	04	US 4,794,096	12/27/1988	Ewen		
	05	US 4,975,403	12/04/1990	Ewen		
	06	US 4,701,432	10/20/1987	Welbom, Jr.		
	07	US 4,908,561	02/28/1989	Welbom, Jr.		
	08	US 5,242,878	09/07/1993	Shamshoum et al.		
	09	US 5,308,811	05/03/1994	Suga et al.		
	10	US 5,444,134	08/22/1995	Matsumoto		
	11	US 5,300,540	04/05/1994	Ward et al.		
	12	US 5,319,012	06/07/1994	Ward et al.		
	13	US 5,856,386	01/05/1999	Sakai et al.		
	14	US 6,207,093	03/27/2001	Hanyu et al.		
	15	US 5,480,932	01/02/1998	Kobayashi et al.		
	16	US 5,555,604	01/19/1997	Pahke		
	17	US 5,543,535	08/08/1998	Lisowsky		
	18	US 6,291,053	09/18/2001	Peiffer et al.		
	19	US 6,083,443	07/04/2000	Eckard et al.		

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>1</sup> Number <sup>2</sup> Kind Code <sup>3</sup> (if known)				

Examiner Signature

M. E. J.

Date Considered

12/12/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 909. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. D NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-0199 (1-800-786-0199) and select option 2.

